Project Design Phase-II
Functional Requirements

Date	09 NOVEMBER 2022
Team ID	PNT2022TMID47949
Project Name	**Smart Solution for Railways**

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Online Payment for the service
FR-3	User Authentication	User verification through valid user id and password
FR-4	User access	Real Time for tickets booking through web portal for authorized users
FR-5	User alert	Gets alert as an SMS message Gets an alert alarm in the working area.
FR-6	Account creation in the IBM Watson Cloud	Registration through (Google,Apple,Microsoft)or password registration.
FR-7	Account creation in Red Node	Registration through (Google,Apple,Microsoft)or password registration.

FR-8	Gas sensor,Raspberry PI board,Connections	Hardware Requirements for Gas leakage monitoring and alerting system.
FR-9	GSM Module	For sending FAST SMS to the user